
MULTIPURPOSE HARBOUR VESSEL

TM-036-080

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PORT VESSEL NEWBUILDING

SYM
NAVAL

MULTIPURPOSE HARBOUR VESSEL TM-036-080

SYM Naval is able to build its multipurpose vessels under the supervision of a Classification Society, thereby ensuring the highest standards for their safety and quality.

The SYM Naval multipurpose harbour vessel TM-036-080 is a vessel fully adapted to the operational needs of shipowners and the demands of international port authorities. With a length of 12 meters and a pulling force of up to 8.5 tons, SYM Naval's multipurpose vessels are capable of carrying out the most demanding port tasks.

Equipped with two Doosan L126 TIH engines that offer a total power of 720 horsepower, its top speed reaches 8 knots. The compact design of this multipurpose vessel facilitates high maneuverability and stability, which makes it an ideal port vessel to offer support to the different maneuvers that other ships or floating devices must carry out inside the port.

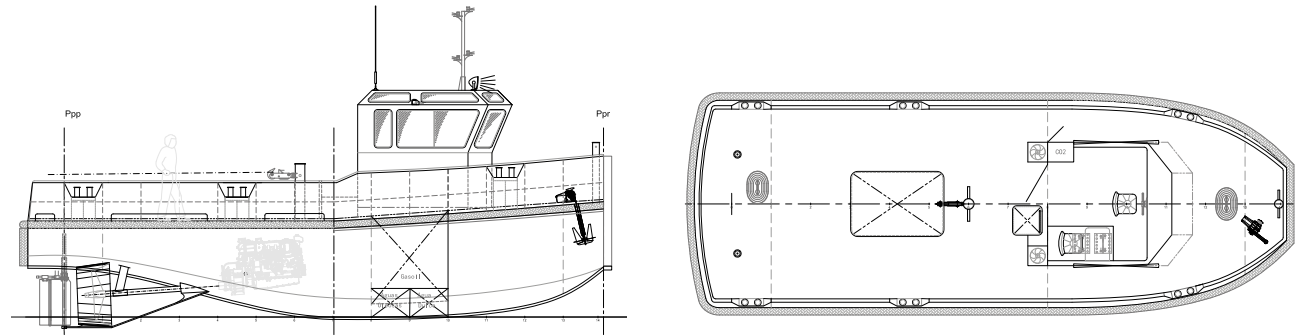
SPANISH FLAG
GROUP III, S CLASS



MULTIPURPOSE TM-036-080

General arrangement

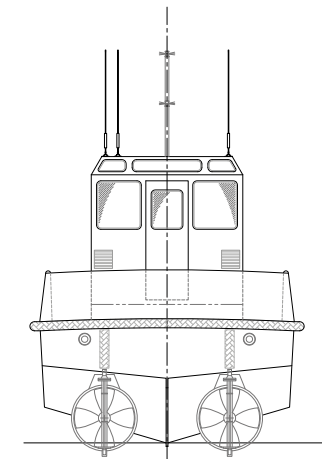
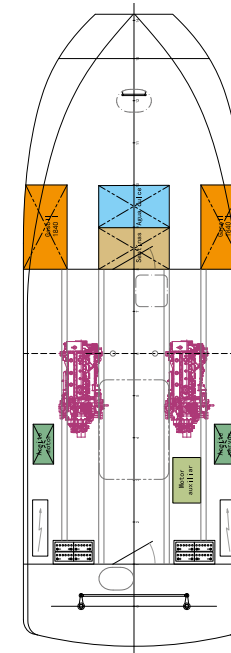
The model TM-036-080 is SYM Naval's most compact multipurpose port vessel. Its 12 meters long and 4.5 meters wide make it an ideal port vessel to offer support during the maneuvers of other vessels. It has a total power of 720 hp and has a fixed bollard pull of up to 8.5 ton



DIMENSIONS. 12 m long and 4.5 m wide.

SAFETY AND QUALITY. Built under the supervision of a Classification Society.

DIESEL OIL	3.7 m ³ fuel load capacity
ENGINES	Double Doosan L126 TIH engine with 360 hp each
AUXILIARY GENERATORS	Nanni 10 KVA with alternator Leroy Somer 175
FRESH WATER TANKS	2 m ³ capacity
BILGE	Liverani 3700 pumps
WASTE WATER DISCHARGE PUMPS	FEIT 40VA pumps
FIRE PUMPS	FEIT AT6 pumps



PORT USE. Adapted to the needs of the shipowner.





MULTIPURPOSE TM-036-080

General arrangement



Technical specifications

DIMENSIONS	
LOA	12 m
BEAM	4,5 m
DEPTH	2 m
PERFORMANCE	
BOLLARD PULL	8,5 t
SPEED	8 kn
CAPACITY	
HYDRAULIC OIL	0,1 m ³
WASTE WATER	N/A
BILGE	0,6 m ³
FRESH WATER - PORT	2 m ³
FUEL	3,7 m ³
PROPULSION AND CONTROL SYSTEM	
MAIN ENGINES	2x DOOSAN L126 TIH
TOTAL POWER	2x360 HP
REDUCTION GEARBOX	DMT
PROPELLER	2x 1,050 mm nozzle propeller
STEERING GEAR	High performance flap rudder
COMMUNICATION AND NAVIGATION SYSTEM	
SEARCHLIGHT	1x 150W
MAGNETIC COMPASS	Ritchie B-81-WM
AIS	ICOM MA500TR
PLOTTER - SOUNDER	FURUNO FCV627
VHF GMDSS	Entel HT 649
VHF PORTABLE	2x ICOM ICM323
REFLECTORS	1x 150W aft deck 1x 150W foredeck

DECK LAYOUT	
ANCHOR	1x 75kg Hall
ANCHOR WINCH	LOFRANS
TOWING HOOK	SWL 15 tn
AUXILIARY EQUIPMENT	
AUXILIARY GENERATORS	1x Nanni 10 KVA with alternator Leroy Somer 175
BILGE PUMPS	LIVERANNI 3700
FIRE PUMP	FEIT AT6
WASTE WATER PUMP	FEIT 40VA
FRESH WATER PUMP	FEIT AM990

Details and equipment



CABIN. Control desk adapted to the operational needs of the ship's crew.



MACHINE ROOM. Ample work space for the crew.



INTERIOR. Equipped to work under the demands of port support tasks.



PROPULSION AND CONTROL. 1,050 mm propellers in nozzle. High-performance flap rudder.





01 NAVAL
ENGINEERING OFFICE

A **technical department** capable of managing the demanding requirements of shipowners with the highest quality from the beginning to the end of the project.



02 QUALITY
CONTROL

Shipbuilding in steel and aluminum. We design and build custom vessels. IACS classified vessels.



03 WORLDWIDE
ASSISTANCE

Sailing, in port and in dry dock. Maintenance and repair service for vessels in dry dock in the Caribbean area. Worldwide coverage via riding squads.



04 CUSTOM
PROJECTS

Analysis of technical needs of each client for the construction of customized vessels. Seriousness and commitment assumed in all our projects.



05 MORE THAN 25 YEARS
OF EXPERIENCE

A **team made up of professional naval engineers**, project managers and technical staff that work in sync to develop the different phases of a project.



06 COMMITMENT TO
THE ENVIRONMENT

We are **ISO 14001 certified**, a guarantee of our clear commitment to the environment which, in turn, obliges us to maintain the highest environmental standards in all our operations and facilities.



SYM Naval is ISO 14001 certified, a guarantee of its clear commitment to the environment.



SYM Naval has the international ISO 45001 certification for Occupational Health and Safety Management Systems (OSH), which guarantees that their jobs are safe and healthy, preventing accidents and occupational health problems.



SYM Naval is ISO 9001 certified, a guarantee that its processes conform to the highest standards in ship construction, conversion and repair.



SYM Naval contributes to carrying out maintenance, reforestation, cleaning and environmental protection actions, defining specific action plans with the responsible authorities.

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